

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO. : 7,782,987 B2

APPLICATION NO. : 10/799,322

ISSUE DATE : August 24, 2010

INVENTOR(S) : Jonsson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 4, Line 30, delete "COIs" and insert - - CQIs - -, therefor.

In Column 5, Line 38, delete " $\sigma_2$ ," and insert - -  $\sigma^2$ , - -, therefor.

In Column 5, Line 39, delete " $E(|w_H n_{ISI} + w^H n|^2)$ " and insert - -  $E(|w^H n_{ISI} + w^H n|^2)$  - -, therefor.

In Column 9, Lines 41-43, in Equation (9), delete  $\sum_{f=1}^{\hat{F}} \frac{\left| N_p^{-1} \sum_{n=1}^{N_p} p_n^* y_f(n) \right|^2 - N_p^{-1} (R_{f,f}^{ISI} + \sigma^2)}{u R_{f,f}^{ISI} + \sigma^2}$  and

insert - -  $\sum_{f=1}^{\hat{F}} \frac{\left| N_p^{-1} \sum_{n=1}^{N_p} p_n^* y_f(n) \right|^2 - N_p^{-1} (R_{f,f}^{ISI} + \sigma^2)}{u R_{f,f}^{ISI} + \sigma^2}$  - -, therefor.

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In Column 9, Line 64, delete “ $\alpha_p$ ” and insert - -  $a_p$  - -, therefor.

In Column 14, Line 11, delete “ $\alpha_p$ ” and insert - -  $a_p$  - -, therefor.

In Column 14, Line 22, in Equation (A1), delete “ $E(c_{n1}^{(p1)}c_{n1}^{(p2)})=0$ ,” and insert - -  $E(c_{n1}^{(p1)}c_{n2}^{(p2)})=0$ , - -, therefor.

$$a_1 \sum_{l=1}^L h_l^{prop} \varphi(\tau - \tau_l)$$

In Column 14, Lines 63-64, delete “ ” and

$$a_1 \sum_{l=1}^L h_l^{prop} \varphi(\tau - \tau_l)$$

insert - - - -, therefor.

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In Column 15, Lines 15-16, in Equation (A3), delete

$$a_1 \sum_{l=1}^L h_l^{prop} \varphi(\tau - \tau_l).$$

“ and insert - -  $a_1 \sum_{l=1}^L h_l^{prop} \varphi(\tau - \tau_l).$  - -,  
 therefor.

In Column 18, Line 2, in Claim 15, delete “inter-Symbol” and insert - - inter-symbol - -,  
 therefor.

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